

# Peter SivÅ;k

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10192705/publications.pdf>

Version: 2024-02-01

13  
papers

70  
citations

1937685

4  
h-index

1474206

9  
g-index

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times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Fatigue Tests by Means of Mathematical Statistics. <i>Procedia Engineering</i> , 2012, 48, 636-642.	1.2	28
2	State-Space Model of a Mechanical System in MATLAB/Simulink. <i>Procedia Engineering</i> , 2012, 48, 629-635.	1.2	10
3	Experimental and Numerical Analysis of 60-Year-Old Sluice Gate Affected by Long-Term Operation. <i>Materials</i> , 2020, 13, 5201.	2.9	9
4	Experimental Assessment of Time-Limited Operation and Rectification of a Bridge Crane. <i>Materials</i> , 2020, 13, 2708.	2.9	8
5	Stress Analysis of the Thin-Walled Vessels. <i>Applied Mechanics and Materials</i> , 0, 611, 273-278.	0.2	3
6	Influence of Different Strain Hardening Models on the Behavior of Materials in the Elastic-Plastic Regime under Cyclic Loading. <i>Materials</i> , 2020, 13, 5323.	2.9	3
7	Life Prediction of Structures by Means of ESA and CAE. <i>Procedia Engineering</i> , 2012, 48, 77-82.	1.2	2
8	Operational Safety of Compressor Station Pipeline. <i>Applied Mechanics and Materials</i> , 2014, 611, 366-369.	0.2	2
9	Application of Computational Methods and Methods of Experimental Stress Analysis for Determination of Lifespan of Pipe Yards. <i>Acta Mechanica Slovaca</i> , 2011, 15, 52-57.	0.1	2
10	Influence of Material Structure and its Properties on Predicting Life of Pressure Pipelines. <i>Applied Mechanics and Materials</i> , 0, 611, 430-435.	0.2	1
11	Application of the Simple Linear Regression Model in the Experiment. <i>Applied Mechanics and Materials</i> , 2015, 816, 496-506.	0.2	1
12	Contribution to computer simulation of problems from the theory of mechanisms focused on robots. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
13	Modal Analysis of Circular Plates. <i>Applied Mechanics and Materials</i> , 0, 611, 245-251.	0.2	0